

More climate data released

4 February 2010



Following the release of the data from more than 1,500 stations that make up the global land surface temperature record in December, the Met Office has now released the data from a further 1,500 stations.

These data are a subset of the full HadCRUT record of global temperatures, which is one of the global temperature records that have underpinned IPCC assessment reports and numerous scientific studies.

The data subset consists of a network of individual land stations that has been designated by the [World Meteorological Organization](http://www.wmo.int) for use in climate monitoring, and other data that the Met Office has gained permission from the owners to make available.

The data show monthly average temperature values for more than 3,000 land stations. The subset of stations is evenly distributed across the globe and provides a fair representation of changes in mean temperature on a global scale over land.

This subset is not a new global temperature record and it does not replace the HadCRUT, NASA GISS and NCDC global temperature records, all of which have been fully peer-reviewed. This subset shows that global-average land temperatures have risen over the last 150 years and is very similar to the temperature rises shown by the complete data set.

This subset release continues the policy of putting as much of the station temperature record as possible into the public domain. As soon as we have all permissions in place we will release the remaining station records — around 5,000 in total — that make up the full land temperature record. We are dependent on international approvals to enable this final step and cannot guarantee that we will get permission from all data owners.

Land surface climate station records

Global-average temperature records explained

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